

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Bong-Jin LEE, et al.

Serial No.: 08/876,179

Filed: 13 June 1997

For: *A HARD DISK DRIVE WITH CONNECTORS THAT SIMPLIFY ASSEMBLY (as amended)*



Examiner: GUSHI, ROSS

Art Unit: 2833

17/I.D.S.
G-Stanley
7-13-89

Assistant Commissioner
for Patents
Washington, D.C. 20231

RECEIVED

JUN 11 1999

Sir:

TECHNOLOGY CENTER 2800

Applicant hereby petitions to request consideration of this Information Disclosure Statement pursuant to 37 C.F.R. 1.97.

The Examiner's attention is invited to the fact that an Information Disclosure Statement, 1449 form and all the references cited therein were submitted to the U.S. Patent & Trademark Office on the 28 January 1999. Applicant notes that the Information Disclosure Statement filed on 28 January 1999 lacked an appropriate certification. Accordingly, Applicant hereby petitions consideration of, and re-submits the an Information Disclosure Statement, and 1449, noting that copies of all of the references were previously submitted to the Office.

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, applicant cites, provides a copy and discusses the following art references identified on the accompanying form PTO-1449:

	<u>Patent No.</u>	<u>Inventor</u>	<u>Date</u>
•	5,243,495	Read, et al.	09/93
•	JP6-215554	Ycas, et a.	08/94
•	IBM Technical disclosure Bulletin Vol.37 No.08 August 1994		
•	IBM Technical disclosure Bulletin Vol.32 No.10B March 1990		

Read '495 discloses a removable enclosure housing a rigid disk drive.

Ycas '554 disclosed a integral base plate/spin motor assembly with taped cover.

Literature reference IBM Vol.37 No.08 discloses a integrated packaging design.

Literature reference IBM Vol.32 No.10B discloses a pluggable hard disk file assembly.

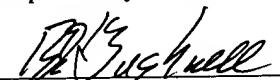
The petition fee set forth in 37 CFR §1.17 (i) of \$130.00 is enclosed for consideration of this information disclosure statement.

In view of issuance of final Office Action on the 5 January 1999 and subsequent issuance of Advisory Action on the 16 April 1999 on the above-captioned application, expedited consideration and entry of this information Disclosure Statement are respectfully requested

A Petition fee of \$130.00 under 37 CFR §1.97(d) is incurred. A check in the amount of such fee accompanies this Statement. Should the check become lost and detached from the file, the

Commissioner is authorized to charge Deposit Account No. 02-4943 and undersigned attorney accordingly as well as for any other fees incurred for filing and submission of this Information Disclosure Statement .

Respectfully submitted,



Robert E. Bushnell

Reg. No.: 27,774

1522 "K" Street, N.W., Suite 300
Washington, D.C. 20005-1202
Area Code: 202-638-5740

Folio:P54596
Date: 8 June 1999
I.D.: REB/lj

INFORMATION DISCLOSURE STATEMENT PTO-1449		SERIAL NUMBER 08/876,179	DOCKET NO. P54596			
		APPLICANT	Bong-Jin LEE, et al.			
		FILING DATE 13 June 1997	GROUP 2833			
U.S. PATENT DOCUMENTS						
EXAMINEE	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>RJ</i>	5,243,495	09/93	Read, et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
<i>RJ</i>	JP6-215554	08/94	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
<i>RJ</i> IBM Technical Disclosure Bulletin, Vol.37 No.08 , August 1994,Pages 153-155, Integrated Packaging Design						
<i>RJ</i> IBM Technical Disclosure Bulletin, Vol.32 No.10B, March 1990, Pages 300-304, Pluggable Hard Disk file Assembly						
EXAMINER: <i>Ron C. Jones</i>		DATE CONSIDERED: 7/15/99				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

#GAU 2833

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.
 These are the fees effective October 1, 1997.
 Small Entity payments must be supported by a small entity statement,
 otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
 See 37 C.F.R. §§1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$)130.00**METHOD OF PAYMENT (check one)**

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 02-4943

Deposit Account Number: _____

Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17. Charge the Issue Fee Set in 37 C.F.R. §1.18 at the Mailing of the Notice of Allowance.

2. Payment Enclosed:

Check Money Order Other
(CHECK No(s). 33003)

FEES CALCULATION**1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	760	201	380	Utility filing fee	
106	330	206	165	Design filing fee	\$
107	540	207	270	Plant filing fee	\$
108	760	208	380	Reissue filing fee	\$
114	150	214	75	Provisional filing fee	\$
SUBTOTAL (1) (\$)					

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
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Total claims

Independent Claims

Multiple Dependent

=

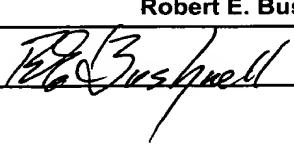
** or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	22	203	11	Claims in excess of 20
102	82	202	41	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	82	209	41	** Reissue independent claims over original patent
110	22	210	11	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)				

Complete If Known																																																																																																																																																																																																					
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unavoidable</td> <td>\$</td> </tr> <tr> <td>141</td> <td>1,320</td> <td>241</td> <td>660</td> <td>Petition to revive - unintentional</td> <td>\$</td> </tr> <tr> <td>142</td> <td>1,320</td> <td>242</td> <td>660</td> <td>Utility issue fee (or reissue)</td> <td>\$</td> </tr> <tr> <td>143</td> <td>450</td> <td>243</td> <td>225</td> <td>Design issue fee</td> <td>\$</td> </tr> <tr> <td>144</td> <td>670</td> <td>244</td> <td>335</td> <td>Plant issue fee</td> <td>\$</td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td>\$130.00</td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50</td> <td>Petitions related to provisional applications</td> <td>\$</td> </tr> <tr> <td>126</td> <td>240</td> <td>126</td> <td>240</td> <td>Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40</td> <td>Recording each patent assignment per property (Times number of properties)</td> <td></td> </tr> <tr> <td>146</td> <td>790</td> <td>246</td> <td>395</td> <td>Filing a submission after final rejection (37 C.F.R. §1.129(a))</td> <td>\$</td> </tr> <tr> <td>149</td> <td>790</td> <td>249</td> <td>395</td> <td>For each additional invention to be examined (37 C.F.R. §1.129(b))</td> <td>\$</td> </tr> <tr> <td colspan="6">Other Fee (specify) _____ \$</td> </tr> <tr> <td colspan="6">Other Fee (specify) _____ \$</td> </tr> <tr> <td colspan="6">** Reduced by Basic Filing Fee Paid</td> </tr> <tr> <td colspan="6">SUBTOTAL (3)</td> </tr> </tbody> </table>						Large Entity	Small Entity					Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge-late filing fee or oath	\$	127	50	227	25	Surcharge-late provisional filing fee or cover sheet	\$	139	130	139	130	JUN 11 1999 English specification	\$	147	2,520	147	2,520	For filing a request for reexamination	\$	112	920*	112	920	TECHNOLOGY CENTER 2800 Requesting publication of SIR prior to Examiner action	\$	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	\$	115	110	215	55	Extension for reply within first month	\$	116	400	216	200	Extension for reply within second month	\$	117	950	217	475	Extension for reply within third month	\$	118	1,510	218	755	Extension for reply within fourth month	\$	128	2,060	228	1,030	Extension for reply within fifth month	\$	119	310	219	155	Notice of Appeal	\$	120	310	220	155	Filing a brief in support of an appeal	\$	121	270	221	135	Request for oral hearing	\$	138	1,510	138	1,510	Petition to institute a public use proceeding	\$	140	110	240	55	Petition to revive - unavoidable	\$	141	1,320	241	660	Petition to revive - unintentional	\$	142	1,320	242	660	Utility issue fee (or reissue)	\$	143	450	243	225	Design issue fee	\$	144	670	244	335	Plant issue fee	\$	122	130	122	130	Petitions to the Commissioner	\$130.00	123	50	123	50	Petitions related to provisional applications	\$	126	240	126	240	Submission of Information Disclosure Statement		581	40	581	40	Recording each patent assignment per property (Times number of properties)		146	790	246	395	Filing a submission after final rejection (37 C.F.R. §1.129(a))	\$	149	790	249	395	For each additional invention to be examined (37 C.F.R. §1.129(b))	\$	Other Fee (specify) _____ \$						Other Fee (specify) _____ \$						** Reduced by Basic Filing Fee Paid						SUBTOTAL (3)					
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SUBMITTED BY**Complete (if applicable)**

Typed or Printed Name	Robert E. Bushnell, Esq.			Reg. Number	27,774
Signature		Date	June 8, 1999	Deposit Account User ID	